

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

1.-16. (Cancelled)

17. (Previously amended) An electromechanical device, comprising a substantially planar ceramic electroactive member having grooves defined on a planar surface of the member and defining ridges therebetween, whereby the grooves are adapted and constructed to reduce transverse strains generated by bending such that the member is capable of bending to conform to a curved surface while maintaining electrical connections between adjacent ridges.

18. (Original) The electromechanical device of claim 17, wherein the device is an electromechanical sensor or actuator.

19. (Original) The electromechanical device of claim 17, wherein the device can conform to a curved surface having a radius of curvature no greater than 0.25".

20. (Original) The electromechanical device of claim 17, wherein the grooves are substantially parallel and the member can conform to a cylindrical surface.

21. (Original) The electromechanical device of claim 17, wherein the grooves are substantially concentric and the member can conform to a spherical surface.

22. (Currently amended) An electromechanical device, comprising a substantially planar bimorph electroactive ceramic member having slots defined in through the thickness of the member, whereby the slots are adapted and constructed to reduce transverse strains generated by bending to multiply an electromechanical bending response of the bimorph member.

23. (Original) The electromechanical device of claim 22, wherein the device is an electromechanical sensor or actuator.

24. (Original) The electromechanical device of claim 22, wherein the slots are substantially concentric.

25. (Original) The electromechanical device of claim 22, wherein the slots are substantially parallel.